Index to Articles

The Science Teacher

Volume 51

December 1984

This alphabetical index to articles includes listings by author and title.

Title Index

Acid Rain Debate, The. Rodger Bybee, Mark Hibbs, and Eric Johnson. April:50.

Acid Rain: What's the Forecast? Rodger Bybee. March: 36.

Adding Another Dimension With Holography. Rita H. McNair and Dale R. Rice. September:24.

Alone in the Snow. Donald J. Bockler. March:22. Ancient Find, An. Panos D. Bardis. October:32. Are Biology and Chemistry Out of Order? Felix A. Gaudin. February:29.

Believe It or Not: Half Our School Eventually Takes Physics. LeRoy W. Kallemeyn. (Blue-Ribbon Physics) March: 57.

Biology, Chemistry, and Physics Are Team Sports. Charles W. Kellogg, November 36

rles W. Kellogg. November:36. Can You Dig It? Karen Ann Holm. (After-Hours Science) April:48.

Ciliates by the Slice, John E. Boynton and Eugene B. Small. February:34.

Classroom Wildlife. Daryl Fleer. December:30. Climbing Into Natural History. Terry Logue and Dana Van Burgh, Jr. (Right in the Middle) May:73. Computer Physics—Free & Easy. Frank Hand, Thomas Behan, Gregory Coppa, and Roger Ferland. (Blue-Ribbon Physics) March:53.

Darda's Demon and the First Law of Thermodynamics. Frank Butcher. May:53.

Dinosaur Tracking. Martin Lockley. January:18.
Dissection Dissected. William Berman. September: 42.

Do Mouthwashes Really Kill Bacteria? Thomas R. Corner. September:34.

Does Your Science Fair Do What It Should? Eugene L. Chiappetta and Barbara K. Foots. November:24. Don't Throw In the Towel—Test It! John W. Seese. April:28.

Egging Them On in Chemistry. Dan C. Shannon. March: 48.

Elliptical Johannes Kepler, The. Michael B. Leyden. November:52.

Gee, a Dome! John G. Santos. (After-Hours Science) April:40.

Global Weather's Problem Child—El Niño. Eugene M. Rasmusson. October:24.

Go, Team, Go! David Arlander. (Right in the Middle) May:77.

Halley's Comet Makes a Comeback. William H. Glenn. January:38.

'Home on the Range.' Joe Goldsmith. February:32.
How Many Are Enrolled in Science? Wayne W. Welch,
Linda J. Harris, and Ronald E. Anderson. December:14. Hoso To Create Problems. Juliana Texley. November: 28.

How to Orbit the Earth. Donald J. Quimby. January:54.

Idea Bank. Irwin Talesnick, editor. January:62. February:52; March:61; April:66; May:84; September:62; October:59; November:60; December:49.

In the Balance. William G. Lamb. May:56. Infused With Energy. Janet A. White. September:54. Invisible Universe, The. Eric J. Chaisson. February:18. Is There Physics Before Trig? Rory Dickens. (Blue-

Ribbon Physics) March:56.

Joule' Enjoy Using This Metric Unit. Geoffrey Rayner-Canham. February:24.

Keyed Up. Richard R. Powell. November: 46. Lighter Side of Chemistry, The. William G. Lamb. December: 24.

Lights, Camera, Chemistry! William G. Lamb. January:28.

Looking Up. Tom Walls. (After-Hours Science)
April:36.

Make Science Accessible to All Your Students. Jan S. Wielert and Daniel S. Sheldon. April:56.

Making Rounds With Dr. Semmelweis. Patrick N. Hunt. January:33.

Meet Me at the Fair. William G. Lamb and Peter Brown. November:32. Microchips and Onion Dip. Steve Brugger. (After-

Hours Science) April:45.
Netting Interest in Ecology. Robert Ewart. (Right in the

Middle) May:78.

New Window on the Universe. Ronald F. Reynolds.

New Window on the Universe. Ronald F. Reynold October: 45.

News and Notes. Lynn Archibald, Randy Christensen, and Michael Salvesen. (Right in the Middle) May:75.

Old Train, New Track. Andrew W. Prokopeak. December:34.

Pac-ing the Most Into Genetics. Alan R.P. Journet. October:50.

Pass the Appetizers. Gwynn Pealer. May:69.
Physics Awards for the Unwary. Frank Butcher.
February:39.

Pointing the Way for Young Researchers. Lynn W. Glass. November:35.

Polaris, Mark Kummerfeldt's Star, and My Star.' John W. McLure. May:80. Put Some Cents Into Your Science Courses. Brother

James A. Petrait. October:34.
One-Computer Classroom, The. Camille Wainwright

and Eugene Gennaro. April:59. Ride-On Physics. Carolyn Sumners, Terry Contant, and Godrej Sethna. October:36.

Science Around the Corner. Vincent N. Lunetta, John

R. de Laeter, and Jan S. Wielert. January:50.
Science Education Along the Rhine. Donald Berg.
October:54.

Snake Ears and What Influences Them. Anthony V. DeFina, March:31.

Soap Bubble Spectra. Colin Siddons. January:26. Solar Spectacular. Stephen Berr. April:20. Star Light, Star Bright. David G. Iadevaia. Sep-

tember:50.

Taking Control of Chamber Humidity. Paul H. Demchick. October:29.

Teaching Science With a Club. Ivan Dyreng. (After-Hours Science) April:38.

'Two Tacos Are a Drag.' Howard N. Fowler. (Blue-

'Two Tacos Are a Drug.' Howard N. Fowler. (Blue-Ribbon Physics) March: 60.

Unnecessary Risks. Dennis Sievers. September:29. Vector Racing. Thomas McDonald. November:38. Waist-Dep in Waves. Charles Lang, Bob Klein, and Kevin Biga. (Blue-Ribbon Physics) March:55. Weather or Not To Teach Junior High Meteorology. Thomas P. Knorr. May:62.

Week That Was, The. John M. Fowler. January:57. When You're Hot... Terry G. Switzer. September:58.

Where Have All These New Microbes Come From? Rodney J. Sobieski. April:30.

Why NSTA Should Certify Science Teachers. Bill G. Aldridge. December:20.

Wild Marshmallows. John N. Kallas. May:46. Worth the Risk? George W. Black. December:45. Write Stuff, The. Ellen Strenski. May:58.

You Graduate More Criminals Than Scientists. Michael B. Leyden. March: 26.

Youngest Patient, The. Helen B. Hiscoe. February: 46. Your Turn on the Terminal. Bill E. McBryde and Marlene M. Milkent. November: 58.

Author Index

Aldridge, Bill G. Why NSTA Should Certify Science Teachers. December:20.

Anderson, Ronald E., Wayne W. Welch, and Linda J. Harris. Hoto Many Are Enrolled in Science? December:14.

Archibald, Lynn, Randy Christensen, and Michael Salvesen. News and Notes. (Right in the Middle) May:75.

Arlander, David. Go Team, Go! (Right in the Middle) May:77.

Bardis, Panos D. An Ancient Find. October:32. Behan, Thomas, Frank Hand, Gregory Coppa, and Roger Ferland. Computer Physics—Free & Easy. (Blue-Ribbon Physics) March:53. Berg, Donald. Science Education Along the Rhine. October:54.

Berman, William. Dissection Dissected. September: 42. Berr, Stephen. Solar Spectacular. April: 20.

Biga, Kevin, Bob Klein, and Charles Lang. Waist-Deep in Waves. (Blue-Ribbon Physics) March:55. Black, George W. Worth the Risk? December:45.

Bockler, Donald J. Alone in the Snow. March: 22. Boynton, John E., and Eugene B. Small. Ciliates by the Slice. February: 34.

Brown, Peter, and William G. Lamb. Meet Me at the Fair. November:32.

Brugger, Steve. Microchips and Onion Dip. (After-Hours Science) April: 45.

Butcher, Frank. Durda's Demon and the First Law of Thermodynamics. May:53.

-----. Physics Awards for the Unwary. February:39. Bybee, Rodger. Acid Rain: What's the Forecast? March:36.

----, Mark Hibbs, and Eric Johnson. The Acid Rain Debate. April:50.

Chaisson, Eric J. The Invisible Universe. February:18. Chiappetta, Eugene L., and Barbara K. Foots. Does Your Science Fair Do What It Should? November:24.

Christensen, Randy, Lynn Archibald, and Michael Salvesen. News and Notes. (Right in the Middle) May:75.

Contant, Terry, Carolyn Sumners, and Godrej Sethna. Ride-On Physics. October:36.

Coppa, Gregory, Thomas Behan, Frank Hand, and Roger Ferland. Computer Physics—Free & Easy. (Blue-Ribbon Physics) March:53.

Corner, Thomas R. Do Mouthwashes Really Kill Bacteria? September: 34.

DeFina, Anthony V. Snake Ears and What Influences Them. March:31.

de Laeter, John R., Vincent N. Lunetta, and Jan S. Wielert. Science Around the Corner. January:50. Demchick, Paul H. Taking Control of Chamber Humidity. October:29.

Dickens, Rory. Is There Physics Before Trig? (Blue-Ribbon Physics) March: 56.

Dyreng, Ivan. Teaching Science With a Club. (After-Hours Science) April:38.

Ewart, Robert. Netting Interest in Ecology. (Right in

This Publication Is Available in MICROFORM

FOR INFORMATION WRITE:

University Microfilms International

Dept. F.A. 300 North Zeeb Road Ann Arbor, MI 48106 U.S.A.

Dept. F.A. 18 Bedford Row London, WC1R 4EJ England the Middle) May:78.

Ferland, Roger, Frank Hand, Thomas Behan, and Gregory Coppa. Computer Physics—Free & Easy. (Blue-Ribbon Physics) March:53.

Fleer, Daryl. Classroom Wildlife. December:30. Foots, Barbara K., and Eugene L. Chiapetta. Does Your Science Fair Do What It Should? November:24.

Fowler, Howard N. Two Tacos Are a Drag.' (Blue-Ribbon Physics) March:60.

Fowler, John M. The Week That Was. January:57. Gaudin, Felix A. Are Biology and Chemistry Out of Onler? February:29.

Gennaro, Eugene, and Camille Wainwright. The One-Computer Classroom. April:59.

Glass, Lynn W. Pointing the Way for Young Researchers. November:35.

Glenn, William H. Halley's Comet Makes a Comeback. January:38.

Goldsmith, Joe. 'Home on the Range.' February:32. Hand, Frank, Thomas Behan, Gregory Coppa, and Roger Ferland. Computer Physics—Free & Easy. (Blue-Ribbon Physics) March:53.

Harris, Linda J., Wayne W. Welch, and Ronald E. Anderson. How Many Are Enrolled in Science? December:14.

Hibbs, Mark, Rodger Bybee, and Eric Johnson. The Acid Rain Debate. April:50.

Hiscoe, Helen B. The Youngest Patient. February:46. Holm, Karen Ann. Can You Dig 1t? (After-Hours Science) April:48.

Hunt, Patrick N. Making Rounds With Dr. Semmelweis. January:33.

Iadevaia, David G. Star Light, Star Bright. September:50.

Johnson, Eric, Rodger Bybee, and Mark Hibbs. The Acid Rain Debate. April:50.

Journet, Alan R. P. Pac-ing the Most Into Genetics. October:50.

Kallas, John N. Wild Marshmallows. May:46. Kallemeyn, LeRoy W. Believe It or Not: Half Our School Takes Physics. (Blue-Ribbon Physics) March:57. Kellogg, Charles W. Biology, Chemistry, and Physics Are Team Sports. November:36.

Klein, Bob, Charles Lang, and Kevin Biga. Waist-Deep in Waves. (Blue-Ribbon Physics) March:55.

Knorr, Thomas P. Weather or Not To Teach Junior High Meteorology. May:62.

Lamb, William G. In the Balance. May:56.

———. The Lighter Side of Chemistry. December:24.
———. Lights, Camera, Chemistry! January:28.

———, and Peter Brown. Meet Me at the Fair. November:32.

Lang, Charles, Bob Klein, and Kevin Biga. Waist-Deep in Waves. (Blue-Ribbon Physics) March:55. Leyden, Michael B. The Elliptical Johannes Kepler. November:52.

——, You Graduate More Criminals Than Scientists. March:26.

Lockley, Martin. Dinosaur Tracking. January:18. Logue, Terry, and Dana Van Burgh, Jr. Climbing Into Natural History. (Right in the Middle)

Lunetta, Vincent N., John R. de Laeter, and Jan S. Wielert. Science Around the Corner. January:50.

McBryde, Bill E., and Marlene M. Milkent. Your Turn on the Terminal. November:58.

McDonald, Thomas. Vector Racing. November:38. McLure, John W. Polaris, Mark Kummerfeldt's Star, and My Star. May:80.

McNair, Rita H., and Dale R. Rice. Adding Another Dimension With Holography. September: 24. Milkent, Marlene M., and Bill E. McBryde. Your

Turn on the Terminal. November:58.

Pealer, Gwynn. Pass the Appetizers. May:69.

Petrait, James A., Brother. Put Some Cents Into Your Science Courses. October:34.

Powell, Richard R. Keyed Up. November:46. Prokopeak, Andrew W. Old Train, New Track.

December:34.
Quimby, Donald J. How to Orbit the Earth. Jan-

uary:54.
Rasmusson, Eugene M. Global Weather's Problem Child—El Niño. October:24.

Rayner-Canham, Geoffrey. Joule' Enioy Using This Metric Unit. February:24.

Reynolds, Ronald F. New Window on the Universe. October:45.

Rice, Dale R., and Rita H. McNair. Adding Another Dimension With Holography. September:24.

Salvesen, Michael, Randy Christensen, and Lynn Archibald. News and Notes. (Right in the Middle) May:75.

Santos, John G. Gee, a Dome! (After-Hours Science)
April: 40.

Seese, John W. Don't Throw In the Towel—Test It! April:28.

April:28.
Sethna, Godrej, Terry Contant, and Carolyn

Sumners. Ride-On Physics. October:36. Shannon, Dan C. Egging Them On in Chemistry. March:48.

Sheldon, Daniel S., and Jan S. Wielert. Make Science Accessible to All Your Students. April:56.

Sievers, Dennis. Unnecessary Risks. September:29. Siddons, Colin. Soap Bubble Spectra. January:26. Small, Eugene B., and John E. Boynton. Ciliates

hy the Slice. February:34.
Sobieski, Rodney J. Where Have All These New Microbes Come From? April:30.

Strenski, Ellen. The Write Stuff. May:58. Sumners, Carolyn, Terry Contant, and Godrej

Sethna. Ride-On Physics. October:36.
Switzer, Terry G. When You're Hot... Septem-

ber:58. Texley, Juliana. How To Create Problems. Novem-

ber:28. Van Burgh, Dana, Jr., and Terry Logue. Climbing Into Natural History. (Right in the Middle) May:73.

ing tim Natural restory, (Right in the Mulater May:75.

Wainwright, Camille, and Eugene Gennaro. The One-Computer Classroom. April:59.

Walls, Tom. Looking Up. (After-Hours Science)

Welch, Wayne W., Linda J. Harris, and Ronald E. Anderson. *How Many Are Enrolled in Science?* December:14.

April:36

White, Janet A. Infused With Energy. September: 54. Wielert, Jan S., and Daniel S. Sheldon. Make Science Accessible to All Your Students. April: 56.

Wielert, Jan S., Vincent N. Lunetta, and John R. de Laeter. Science Around the Corner. January:50.

